

**RECEIVED**  
**CENTRAL FAX CENTER**

Document Number: C00-013

OCT 28 2004  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Nadabar et. al.** Customer Number: **23459**  
Serial Number: **09/592,839** Group Art Unit: **2623**  
Filed: **6/13/2000** Examiner: **Mehrdad Dastouri**  
Title: **METHOD AND APPARATUS USING INTENSITY GRADIENTS FOR VISUAL IDENTIFICATION OF 2D MATRIX SYMBOLS**

## Certificate of Mailing

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service, first class mail, with sufficient postage in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on:

Date: 10/28/04By: Cheryl Spone  
Cheryl Spone

Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## RESPONSE TO OFFICE ACTION

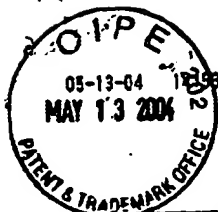
Sir:

In response to the Office Action dated July 28, 2004, Applicant provides the following amendment and remarks:

- Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.
- Remarks/Arguments begin on page 9 of this paper.

03/21/2005 TACREE 00000001 032357 09592839

01 FC:1201 264.00 DA



From-LEGAL DEPARTMENT

5086503329

T-788 P.02/04 F-875

PTO/SB/17 (10-03)

Approved for use through 07/31/2008 OMB 0851-0032

U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(in \$ and ¢)

Application Number 09/592,839

Filing Date 6/13/2000

First Named Inventor Nagabari, et al

Examiner Name Dastouri, Mehrdad

Art Unit 2623

Attorney Docket No. COO-013

**RECEIVED**

MAY 19 2004

Technology Center 2600

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit AccountDeposit Account Number  
Deposit Account Name

09-2367

Cognex Corporation

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee in the annual-fee-for-deposit account**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims		Extra Claims		Fee from below	Fee Paid
Independent	Dependent	20%*	5%*		

Multiple Dependent

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	88	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)

\* or number previously paid, if greater. For Reissue, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIF prior to examination	
1805	1,840*	1805	1,840*	Requesting publication of SIF after examination	
1251	110	2251	55	Extension for reply within first month	110.00
1252	420	2252	210	Extension for reply within second month	
1253	850	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Fee to reinstate a public use proceeding	
1452	110	2452	55	Fee to revive - unintentional	
1453	1,330	2453	665	Fee to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Patrons to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(a)	
1806	180	1806	180	Submission of Information Disclosure Sheet	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional division to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	770.00
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

880.00

**SUBMITTED BY**

Name (Print/Type) Arthur J. O'Dea

Signature

Registration No. (Attorney/Agent)

42,952

**Complete (if applicable)**

Telephone

508-650-3100

Date

May 13, 2004

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to be (and by the USPTO to process) an application. Compliance is governed by 35 U.S.C. 122 and 37 CFR 1.14. The collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. This will vary depending upon the individual case. Any comments on the content of this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 and select option 2.